

**In the claims:**

1. **(Withdrawn)** A method of resisting corrosion of metals in concrete comprising,  
 introducing into concrete-making materials components of a compound capable of sequestering chloride ions,  
 establishing said concrete having metal elements embedded therein.  
 allowing said concrete to set.
2. **(Withdrawn)** The method of claim 1 including  
 employing as said compound a compound capable of establishing a corrosion resistant oxide layer on said embedded metal elements.
3. **(Withdrawn)** The method of claim 1 including  
 effecting said chloride sequestration in a low-solubility compound.
4. **(Withdrawn)** The method of claim 3 including  
 employing a nitrite-containing compound as said compound.
5. **(Withdrawn)** The method of claim 1 including  
 introducing said components of solid compound into mixing water for making said concrete.
6. **(Withdrawn)** The method of claim 5 including  
 introducing said components into said mixing water in a solution.
7. **(Withdrawn)** The method of claim 1 including  
 employing in said components at least one material selected from the group consisting of  $\text{NaAlO}_4$ ,  $\text{Ca}(\text{NO}_2)_2$  and  $\text{NaNO}_2$ .
8. **(Withdrawn)** The method of claim 7 including  
 reacting  $\text{Ca}(\text{OH})_2$  with said components.
9. **(Withdrawn)** The method of claim 8 including  
 introducing said  $\text{Ca}(\text{OH})_2$  as a said component.
10. **(Withdrawn)** The method of claim 8 including  
 producing said  $\text{Ca}(\text{OH})_2$  by hydration of said concrete.
11. **(Withdrawn)** The method of claim 1 including  
 employing as said components a source of aluminum other than  $\text{CaO}\cdot\text{Al}_2\text{O}_3$  and  $3\text{CaO}\cdot\text{Al}_2\text{O}_3$ .
12. **(Withdrawn)** The method of claim 11 including

employing as said source of aluminum a material selected from the group consisting of alumina, aluminates and alumina hydroxides.

**13. (Withdrawn)** The method of claim 1 including

employing in said components a material selected from the group consisting of nitrite salts and nitrate salts.

**14. (Withdrawn)** The method of Claim 1 including

employing as said compound a compound selected from the group consisting of

$3\text{CaO}\cdot\text{Al}_2\text{O}_3\cdot\text{Ca}(\text{NO}_2)_2\cdot n\text{H}_2\text{O}$ ;  $3\text{CaO}\cdot\text{Al}_2\text{O}_3\cdot\text{Ca}(\text{NO}_3)_2\cdot n\text{H}_2\text{O}$ ;  
 $3\text{CaO}\cdot\text{Fe}_2\text{O}_3\cdot\text{Ca}(\text{NO}_2)_2\cdot n\text{H}_2\text{O}$ ; and  $3\text{CaO}\cdot\text{Fe}_2\text{O}_3\cdot\text{Ca}(\text{NO}_3)_2\cdot n\text{H}_2\text{O}$

wherein  $n = 0$  to 24.

**15. (Previously Presented)** A method of resisting corrosion of metals in a concrete structure comprising,

creating a slurry containing at least one compound capable of sequestering chloride ions selected from the group consisting of

$3\text{Me(II)O}\cdot\text{R}_2\text{O}_3\cdot\text{Me(II)(anion)}_2\cdot n\text{H}_2\text{O}$  where  $n = 0$  to 24 and

$3\text{Me(II)O}\cdot\text{R}_2\text{O}_3\cdot\text{Me(II)(anion)}\cdot n\text{H}_2\text{O}$  where  $n = 0$  to 18,

where  $\text{Me(II)}$  is one or more divalent cations selected from the group consisting of  $\text{Ca}$ ,  $\text{Ba}$ ,  $\text{Sr}$ ,  $\text{Mn}$  and  $\text{Zn}$ ;  $\text{R}_2$  is  $\text{Al}_2$ ,  $\text{Fe}_2$  or  $\text{Cr}_2$ ; and

anion is  $\text{NO}_2$ ,  $\text{NO}_3$ ,  $\text{CO}_3$ ,  $\text{BO}_4$  or  $\text{OH}$ , but when  $\text{Me(II)}$  is  $\text{Ca}$ ,  $\text{R}_2$  is not  $\text{Al}_2$ ,

positioning said slurry adjacent to said concrete structure, and sequestering chloride ions in said compound.

**16. (Original)** The method of Claim 15 including

creating an overlay on said concrete structure with said slurry and allowing said slurry to set.

**17. (Currently Amended)** The method of Claim 16 including

securing said overlay to said concrete structure to permit chloride ion exchange therebetween.

**18. (Previously Presented)** The method of Claim 17 including

applying a preformed panel over said overlay.

**19. (Previously Presented)** The method of Claim 18 including providing said preformed panel with lower porosity than said slurry layer.

**20. (Original)** The method of Claim 16 including employing in said slurry at least one material selected from the group consisting of  $\text{NaAlO}_4$ ,  $\text{Ca}(\text{NO}_2)_2$  and  $\text{NaNO}_2$ .

**21. (Previously Presented)** The method of Claim 16 including employing  $\text{Ca}(\text{OH})_2$  in said compound.

**22. (Original)** The method of Claim 16 including employing in said compound an aluminum constituent selected from the group consisting of alumina, aluminate and alumina hydroxide.

**23. (Original)** The method of Claim 22 including employing in said source of aluminum a material other than  $\text{CaO}\cdot\text{Al}_2\text{O}_3$  and  $3\text{CaO}\cdot\text{Al}_2\text{O}_3$ .

**24. (Original)** The method of Claim 16 including employing as said compound a compound capable of establishing a corrosion resistant oxide layer on embedded metal elements.

**25. (Original)** The method of Claim 16 including employing a nitrite-containing compound as said compound.

26. (**Previously Presented**) The method of Claim 16 including employing as said compound a compound selected from the group consisting of

$3\text{CaO}\cdot\text{Fe}_2\text{O}_3\cdot\text{Ca}(\text{NO}_2)_2\cdot n\text{H}_2\text{O}$ ; and  $3\text{CaO}\cdot\text{Fe}_2\text{O}_3\cdot\text{Ca}(\text{NO}_3)_2\cdot n\text{H}_2\text{O}$

wherein  $n = 0$  to 24.

27. – 31. (**Cancelled**)